

Please have a plus sign (+) inside this box → ☐

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	38898-0047 120-288
	First Inventor	Ould-Brahim, Hamid
	Title	Hierarchical Optical VPNS (HOVPN) in Carrier's Carrier VPN Environment
	Express Mail Label No.	EV329723873US

174100 U.S. P.T.
10/623400
07/18/03

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Application for Patent [Total Pages <input type="text" value="26"/>	a. <input type="checkbox"/> Computer Readable Form (CRF)
20 pp. Specification 5 pp - Claim(s) 1-18 1 pg.- Abstract of the Disclosure	b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <input type="text" value="19"/>	c. <input type="checkbox"/> Statements verifying identity of above copies
5. Oath or Declaration [Total Sheets <input]<br="" type="text" value="2"/> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	ACCOMPANYING APPLICATION PARTS 9. <input checked="" type="checkbox"/> Assignment Papers 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input checked="" type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: Power of Attorney; Appointment of Associate Agent.
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____
Prior application information: Examiner: _____ Group Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	<input type="text" value=""/>	or	<input checked="" type="checkbox"/> Correspondence address below
Name	Ridout & Maybee, LLP		
Address	150 Metcalfe Street, 19 th floor		
City	Ottawa	State	Ontario
Country	Canada	Zip Code	K2P 1P1
Telephone	613-236-1995	Fax	

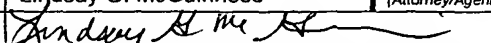
Name (Print/type)	Lindsay McGuinness	Registration No. (Attorney/Agent)	38,549
Signature	<i>Lindsay McGuinness</i>	Date	July 17, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003 <small>Patent fees are subject to annual revision.</small>	Complete if Known	
	Application Number	
	Filing Date	Herewith
	First Named Inventor	Ould-Brahim
	Examiner Name	
<input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27	Art Unit	
TOTAL AMOUNT OF PAYMENT	(\$) 790.00	Attorney Docket No. 120-288

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																															
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES																																																																																																																																																																																															
<input checked="" type="checkbox"/> Deposit Account		<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month, minus 1st month already paid</td><td></td></tr><tr><td>1253</td><td>940</td><td>2253</td><td>470</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,470</td><td>2254</td><td>735</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2,000</td><td>2255</td><td>1,000</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>320</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>320</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,310</td><td>2453</td><td>655</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,310</td><td>2501</td><td>655</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr><tr><td>1809</td><td>760</td><td>2809</td><td>380</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>1810</td><td>760</td><td>2810</td><td>380</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>1801</td><td>760</td><td>2801</td><td>380</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="2"></td><td colspan="2">Other fee (specify)</td><td></td><td></td></tr><tr><td colspan="2">SUBTOTAL (1) (\$) 750.00</td><td colspan="2">SUBTOTAL (3) (\$) 40.00</td><td colspan="2"></td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	410	2252	205	Extension for reply within second month, minus 1 st month already paid		1253	940	2253	470	Extension for reply within third month		1254	1,470	2254	735	Extension for reply within fourth month		1255	2,000	2255	1,000	Extension for reply within fifth month		1401	320	2401	165	Notice of Appeal		1402	320	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,310	2453	655	Petition to revive - unintentional		1501	1,310	2501	655	Utility issue fee (or reissue)		1502	470	2502	235	Design issue fee		1503	630	2503	315	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00	1809	760	2809	380	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	760	2810	380	For each additional invention to be examined (37 CFR § 1.129(b))		1801	760	2801	380	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application				Other fee (specify)				SUBTOTAL (1) (\$) 750.00		SUBTOTAL (3) (\$) 40.00			
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																														
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																													
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																													
1053	130	1053	130	Non-English specification																																																																																																																																																																																													
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																													
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																													
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																													
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																													
1252	410	2252	205	Extension for reply within second month, minus 1 st month already paid																																																																																																																																																																																													
1253	940	2253	470	Extension for reply within third month																																																																																																																																																																																													
1254	1,470	2254	735	Extension for reply within fourth month																																																																																																																																																																																													
1255	2,000	2255	1,000	Extension for reply within fifth month																																																																																																																																																																																													
1401	320	2401	165	Notice of Appeal																																																																																																																																																																																													
1402	320	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																													
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																													
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																													
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																													
1453	1,310	2453	655	Petition to revive - unintentional																																																																																																																																																																																													
1501	1,310	2501	655	Utility issue fee (or reissue)																																																																																																																																																																																													
1502	470	2502	235	Design issue fee																																																																																																																																																																																													
1503	630	2503	315	Plant issue fee																																																																																																																																																																																													
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																													
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																													
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																													
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																																												
1809	760	2809	380	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																													
1810	760	2810	380	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																													
1801	760	2801	380	Request for Continued Examination (RCE)																																																																																																																																																																																													
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																													
		Other fee (specify)																																																																																																																																																																																															
SUBTOTAL (1) (\$) 750.00		SUBTOTAL (3) (\$) 40.00																																																																																																																																																																																															
1. BASIC FILING FEE																																																																																																																																																																																																	
<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1001</td><td>760</td><td>2001</td><td>380</td><td>Utility filing fee</td><td>750.00</td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>760</td><td>2004</td><td>380</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	760	2001	380	Utility filing fee	750.00	1002	340	2002	170	Design filing fee		1003	520	2003	260	Plant filing fee		1004	760	2004	380	Reissue filing fee		1005	160	2005	80	Provisional filing fee																																																																																																																																																									
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																														
1001	760	2001	380	Utility filing fee	750.00																																																																																																																																																																																												
1002	340	2002	170	Design filing fee																																																																																																																																																																																													
1003	520	2003	260	Plant filing fee																																																																																																																																																																																													
1004	760	2004	380	Reissue filing fee																																																																																																																																																																																													
1005	160	2005	80	Provisional filing fee																																																																																																																																																																																													
2. EXTRA CLAIM FEES																																																																																																																																																																																																	
<table border="1"><thead><tr><th colspan="2">Total Claims</th><th colspan="2">Extra Claims</th><th colspan="2">Fee from below</th><th colspan="2">Fee Paid</th></tr><tr><th>Independent</th><th>Multiple Dependent</th><th>Fee</th><th>Fee</th><th>Fee</th><th>Fee</th><th>Fee</th><th>Fee</th></tr></thead><tbody><tr><td>18</td><td>6</td><td>18</td><td>6</td><td>18.00</td><td>84.00</td><td></td><td></td></tr></tbody></table>		Total Claims		Extra Claims		Fee from below		Fee Paid		Independent	Multiple Dependent	Fee	Fee	Fee	Fee	Fee	Fee	18	6	18	6	18.00	84.00																																																																																																																																																																										
Total Claims		Extra Claims		Fee from below		Fee Paid																																																																																																																																																																																											
Independent	Multiple Dependent	Fee	Fee	Fee	Fee	Fee	Fee																																																																																																																																																																																										
18	6	18	6	18.00	84.00																																																																																																																																																																																												
<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201</td><td>84</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>**Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	84	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	**Reissue independent claims over original patent		1205	18	2205	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																									
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																														
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																													
1201	84	2201	43	Independent claims in excess of 3																																																																																																																																																																																													
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																													
1204	86	2204	43	**Reissue independent claims over original patent																																																																																																																																																																																													
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																													
SUBTOTAL (2) (\$)																																																																																																																																																																																																	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Lindsay G. McGuinness	Registration No. (Attorney/Agent)	38,549
Signature		Telephone	978-264-6664
		Date	07/17/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Ould-Brahim
Title	Hierarchical Optical VPNS (HOVPN) In A Carrier's Carrier VPN Environment
Atty Docket Number	120-288

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

7/17/2003

Date

Lindsay G. McGuinness

Signature

Lindsay G. McGuinness, Reg. No. 38549

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.